Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***Second & Final*** (For Other Works) Date.....2014

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Kodigehalli**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 008-12-000048**

Schedule Docket No. Head of Account: **Est.Cost: 15.90 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements of Roads and Construction of CC Drain with Covering Slab from Kodigehalli Circle to Govt School in Ward No. 08, Kodigehalli Sub Division.**

Name of Contractor and Full Address: ***Sri K.V. Subba Reddy, Contractor, # 106/B, Ramaiah Hospital Road, Ashwathanagar, RMV 2nd Stage, Bangalore – 560 094.***

Reference to Agreement No. **EE/BTP/BBMP/E-TND/05(89/WO/73/2012-13** **Dated: 17.08.2012**

Certified that the measurements were taken by me on and recorded of **Pages** to of measurement Book No. and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	16,42,334
2) Deduct amount to be held in reserve being .....percent Rs.....	6,23,750
3) " Balance	10,23,584
4) Deduct Payment:	
a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount	
adjusted towards cash advance recovery of	
b. Payments Now made — cost store or other material supplied.	
recovery of amount creditable to this/other work	
Amount paid on this bill Cheque / Cash.	
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	
Total amount adjusted -	8,96,468

IT – 10236
VAT – 40943
FSD – 56297
LWF – 10236
CBF – 1024
Roy – 7880
Fine – 500
Total ded – 127116

By Cheque

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment **Executive Engineer**

Sl. No.		Unit
1	Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
2	Removing B.S. Slab Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm
3	Scarifying top bituminous surface or surface dressing or premix carpet including picking up scarified materials, stacking of ld serviceable materials within a lead of 100 meters by manual means including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm
4	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum
5	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm
6	Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **With 80/100 grade bitumen,** etc complete as per specifications and directions of engineer in charge of the work	Cum
7	Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work	Sqm
8	Providing and fixing or road stub 100 x 100 x mm, die cast in aluminum, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or Asphaltic Surface by drilling hoel 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout of epoxy mortar, etc complete as per specifications and directions of engineer in charge of the work	Nos
9	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC : 67 made of high intensity grade sheeting vide clause 800.1.3 fixed over aluminum sheeting, 1.5 mm thick supported on a mild steel angle iron post 75mm x 75mm 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cm x 45cm x 60 cm, 60cm below ground level as per approved drawing etc complete as per specifications and directions of engineer in charge of the work	Nos
10	Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
11	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
13	Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Qntl
14	Loading and Unloading of stone boulder / stone aggregates / sand / kanker / moorum, placing tipper at loading point, loading with front and loader, dumping, turning for return trip, excluding time for haulage and return trip etc complete as per specifications and directions of engineer in charge of the work.	Cum
	Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
86.85	7903.35	20.25	91.00	1842.75	107.10	9746.10	
0.00	0.00	267.30	50.00	13365.00	267.30	13365.00	
1254.50	25090.00	0.00	20.00	0.00	1254.50	25090.00	
188.18	209444.34	0.00	1113.00	0.00	188.18	209444.34	
1254.50	53943.50	0.00	43.00	0.00	1254.50	53943.50	
31.36	292432.00	0.00	9325.00	0.00	31.36	292432.00	
48.25	21760.75	0.00	451.00	0.00	48.25	21760.75	
15.00	4575.00	0.00	305.00	0.00	15.00	4575.00	
5.00	14475.00	0.00	2895.00	0.00	5.00	14475.00	
0.00	0.00	20.70	4136.00	85615.20	20.70	85615.20	
0.00	0.00	76.10	5561.00	423192.10	76.10	423192.10	
0.00	0.00	717.00	232.00	166344.00	717.00	166344.00	
0.00	0.00	44.00	7714.00	339416.00	44.00	339416.00	
0.00	0.00	107.10	71.00	7604.10	107.10	7604.10	
	629623.94			1037379.15		1667003.09	

D. K. Madhusudhan

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೊಡಿಗೇಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು – 560092